

Name _____

Date _____

Expressions Review Packet

1) Write a dialogue for each expression. *(from our menu! @)*

a) $3f + 2h + 5m$

*Three french fries, 2 hamburgers and 5
Medium drinks, please.*

b) $2(c + 3f + 1) - f$

c) $3(2f + 5h + 2m + 3x + 4)$

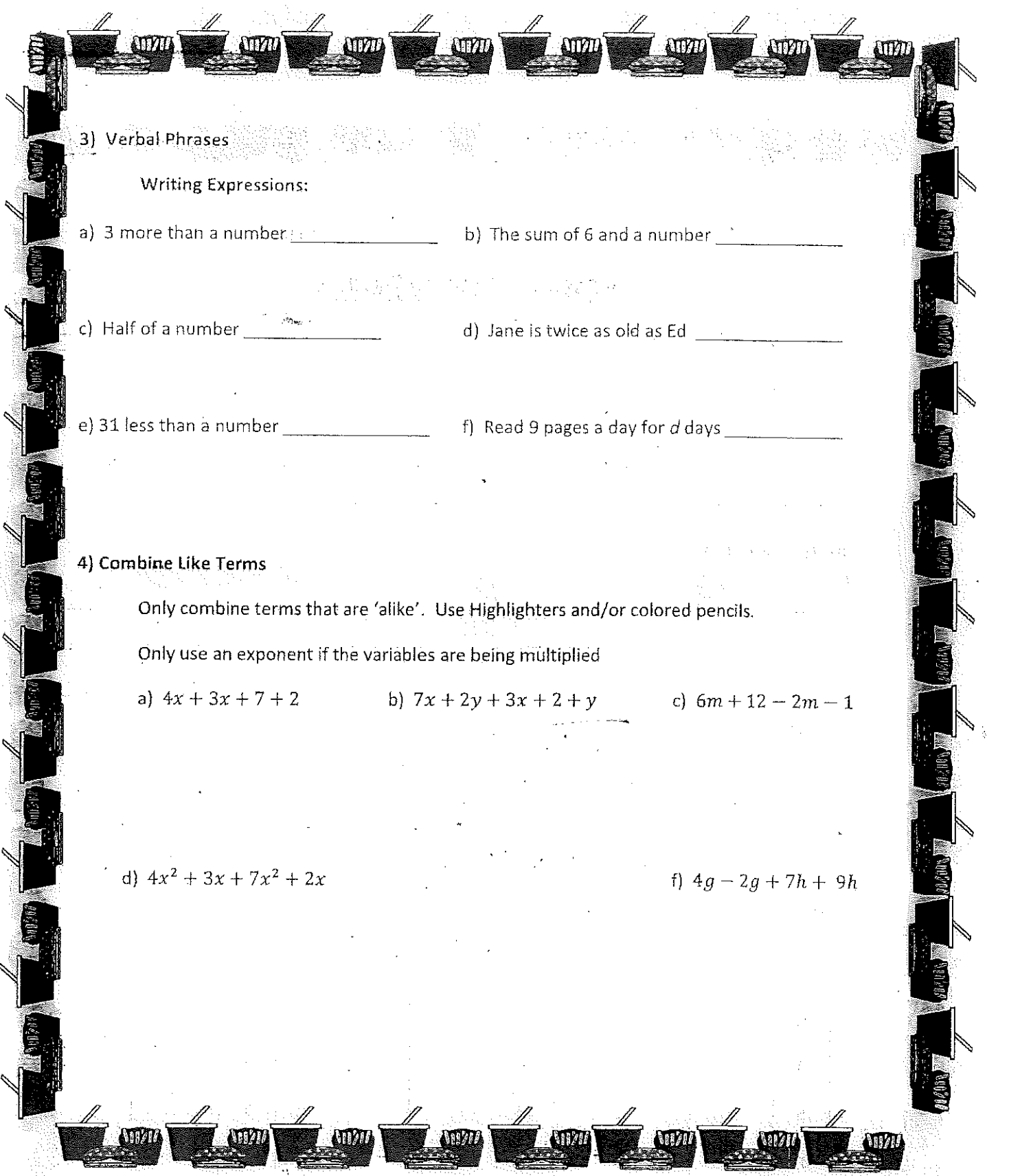
2) Evaluating Expressions

Input the values and simplify using Order of Operations (PEMDAS/GEMS)

m	$m + 5$
3	
5	
32	

d	$d \div 2$
4	
14	
22	

n	$4n + 3.2$
4	
7	
10	



3) Verbal Phrases

Writing Expressions:

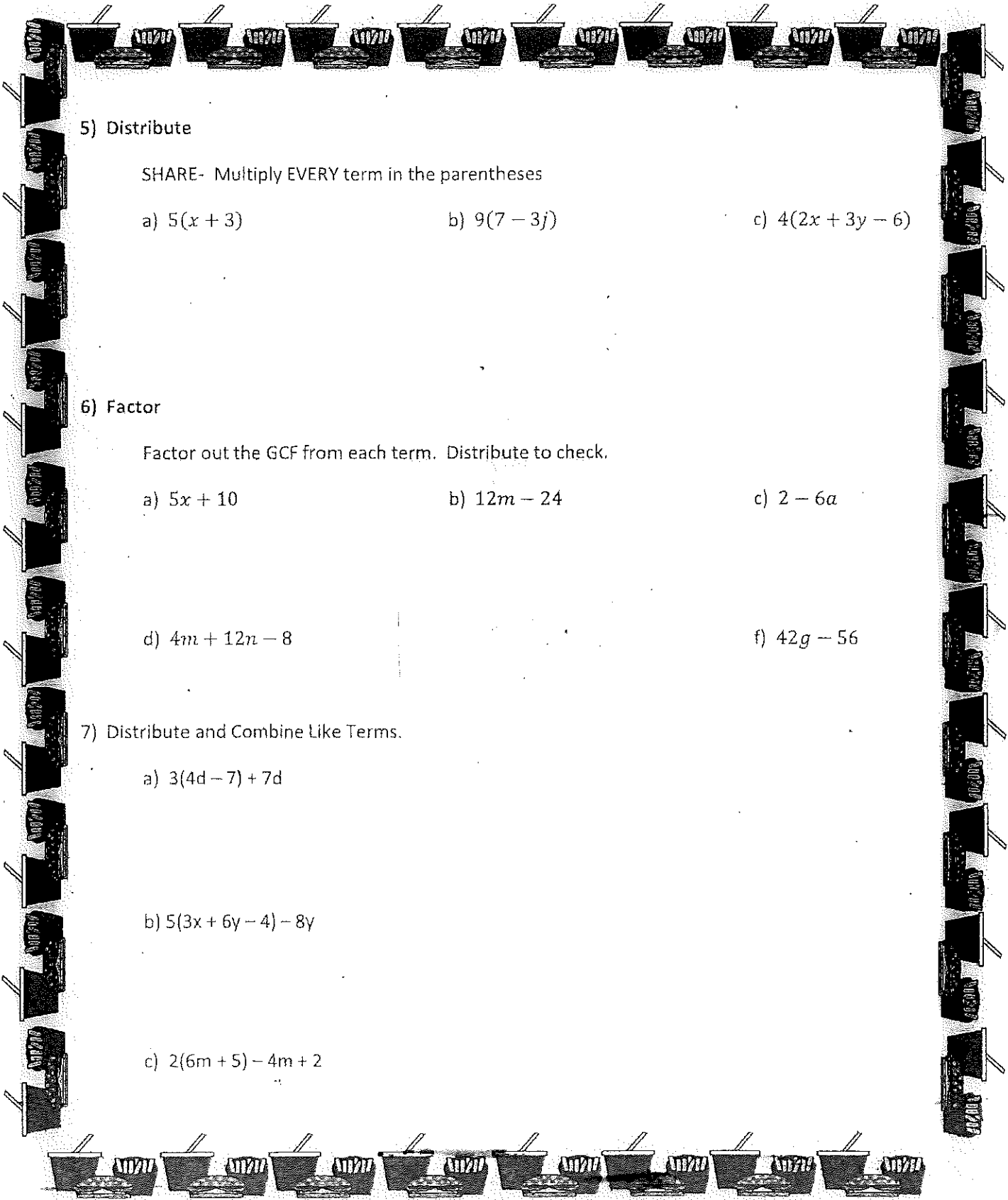
- a) 3 more than a number _____ b) The sum of 6 and a number _____
- c) Half of a number _____ d) Jane is twice as old as Ed _____
- e) 31 less than a number _____ f) Read 9 pages a day for d days _____

4) Combine Like Terms

Only combine terms that are 'alike'. Use Highlighters and/or colored pencils.

Only use an exponent if the variables are being multiplied

- a) $4x + 3x + 7 + 2$ b) $7x + 2y + 3x + 2 + y$ c) $6m + 12 - 2m - 1$
- d) $4x^2 + 3x + 7x^2 + 2x$ f) $4g - 2g + 7h + 9h$



5) Distribute

SHARE- Multiply EVERY term in the parentheses

a) $5(x + 3)$

b) $9(7 - 3j)$

c) $4(2x + 3y - 6)$

6) Factor

Factor out the GCF from each term. Distribute to check.

a) $5x + 10$

b) $12m - 24$

c) $2 - 6a$

d) $4m + 12n - 8$

f) $42g - 56$

7) Distribute and Combine Like Terms.

a) $3(4d - 7) + 7d$

b) $5(3x + 6y - 4) - 8y$

c) $2(6m + 5) - 4m + 2$